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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Eshel Ben-Jacob et al.  
Serial No. : 09/724,436 Examiner : Marschel, Ardin H.  
Filed : November 28, 2000 Group Art Unit : 1631  
For : A METHOD AND APPARATUS FOR DNA BASED SINGLE  
ELECTRON LOGIC ELEMENTS

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AMENDMENT

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

January 29, 2004

Date of Deposit

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PTO Registration No.

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Signature

January 29, 2004

Date of Signature

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is being filed in response to the Office Action dated July 29, 2003 that was issued in connection with the above-identified patent application. Applicants also enclose herewith an Information Disclosure Statement and Form PTO-1449 and the fee required pursuant to 37 C.F.R. §§ 1.17(p) and 1.97(c)(2). Applicants additionally enclose a Petition for Extension of Time pursuant to 37 C.F.R. §1.136(a) and the fee required under 37 C.F.R. §1.17(a)(3). In addition, Applicants enclose herewith a Sequence Listing in paper and computer-readable form.

Applicants further enclose a substitute Declaration for inventor Shay Caspi. Applicants respectfully request reconsideration of the instant application in view of the amendments and remarks presented herein.

**Amendments to the Specification** begin on page 3 of this paper.

**Amendments to the Sequence Listing** begin on page 4 of this paper.

**Amendments to the Claims** begin on page 5 of this paper.

**Remarks** begin on page 13 of this paper.